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(71) Applicant (for all designated States except US): DEUTSCHES KREBSFORSCHUNGZENTRUM [DE/DE]; Stiftung des öffentlichen Rechts, Im Neuenheimer Feld 280, D-69120 Heidelberg (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): NIEHRS, Christof [DE/DE]; Klingenteichstr. 6b, D-69117 Heidelberg (DE). WU, Wei [CN/DE]; Spitalstr. 33, D-69214 Eppelheim (DE). GLINKA, Andrei [RU/DE]; Im Erlenweg 27, D-69126 Heidelberg (DE). KAZANSKAYA, Olga [RU/DE]; Im Erlenweg 22, D-69124 Heidelberg (DE).

(74) Agent: DR. SCHÜSSLER, Andrea; Huber & Schüssler, Truderinger Str. 246, D-81825 München (DE).

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(54) Title: COMPOSITIONS FOR DIAGNOSIS AND THERAPY OF DISEASES ASSOCIATED WITH ABERRANT EXPRESSION OF FUTRINS (R-SPONDINS) AND/OR WNT

(57) Abstract: The present invention relates to a composition useful for the diagnosis of diseases associated with aberrant expression of the genes encoding the secreted proteins Futrin 1, 2, 3 and/or 4 (= R-Spondin 2, 3, 1 and 4, respectively), e.g. in connection with tumors or diseases of the muscle, kidneys or bones. The present invention also relates to a pharmaceutical composition containing a compound which is capable of modifying (a) the expression of the gene encoding Futrin 1, 2, 3 and/or 4 or (b) the activity of the Futrin 1, 2, 3 and/or 4 protein.